



Claims

1. Fast-moving industrial gate(1) with a gate body (2) covering the gateway and having on either side a strap hinge (21) with a multiplicity of hinge members (22) that are interconnected such that they may be oriented at a relative angle, which are guided by rollers (23) in lateral guides guiding said gate body (2) free of contact,

characterized in that

said gate body (2) includes a multiplicity of stiffening profile members (25, 26) and a flexible hanging (27),
wherein each stiffening profile member (25, 26) extends transversely to the lateral guides across said gate body (2) and connects two respective associated hinge members (22), and
wherein said flexible hanging (27) is affixed at each stiffening profile member (25, 26).
2. The industrial gate in accordance with Claim 1, characterized in that said hanging (27) is subdivided into several hanging segments (271, 272, 273, 274).
3. The industrial gate in accordance with Claim 1 or 2, characterized in that said hanging (27) is affixed across the entire gate width at a respective adjacent stiffening profile member (25, 26).
4. The industrial gate in accordance with any one of Claims 1 to 3, characterized in that said hanging (27) is affixed at said respective adjacent stiffening profile member (25, 26) in positive engagement.
5. The industrial gate in accordance with any one of Claims 1 to 4, characterized in that said hanging (27) includes in the range of each stiffening profile member (25, 26) a reinforcing strip (275, 276) that engages in an undercut groove (251, 261, 262) at said associated stiffening profile member (25, 26).



6. The industrial gate in accordance with Claim 5, characterized in that in the ranges of said gate body (2) in which said hanging (27) extends across a stiffening profile member (25), a reinforcing strips (276) is welded to said hanging (27).
7. The industrial gate in accordance with Claim 5 or 6, characterized in that one respective reinforcing strips (275) is formed on the edge sides of said hanging (27) or of each hanging segment (271, 272, 273, 274), respectively, which runs in parallel with said associated stiffening profile member (25, 26).
8. The industrial gate in accordance with any one of Claims 1 to 7, characterized in that the ends of each stiffening profile member (25, 26) engage in said hinge members (22) so as to be accommodated therein when viewed in the direction of depth of said gate body (2), with their sides facing said hanging (27) substantially being flush with the surfaces of said hinge members (22).
9. The industrial gate in accordance with any one of Claims 1 to 8, characterized in that said lateral guides include a spiral section (32) in the lintel range of the gateway.
10. The industrial gate in accordance with any one of Claims 1 to 9, characterized in that in the closed condition of said gate body (2) there are a hinge plane and a hanging plane, wherein said hinge plane is substantially defined by pivot axes (231) of said hinge members (22) that are interconnected such that they may be oriented at a relative angle, and said hanging plane is substantially defined by the extension of the major surface of said hanging (27), with said hinge plane and said hanging plane not coinciding.
11. The industrial gate in accordance with Claim 10, characterized in that said hinge plane and said hanging plane are arranged in immediate vicinity of each other.
12. The industrial gate in accordance with any one of Claims 1 to 11, characterized in that said flexible hanging (27) is affixed to said stiffening profile members (25, 26) in respective locations adjacent a pivot axis (231) of said hinge members (22) that are interconnected such that they may be oriented at a relative angle.